



Provisional Agenda Twelfth Operating Model and Management Procedure Technical Meeting

Terms of Reference

The ToR for OMMP12 outlined in the ESC26 report involve completing the analyses required to be in a position to provide advice on a TAC for the period 2024-2026 at ESC27, including:

- Reconditioning of the OM to check CTP performance in projections using as input a new CPUE series proposed by the CPUE working group.
- Discussion of metarule outcomes to be presented at ESC.

In addition, a new research item was proposed:

- Discussion of OM code rewriting/reformulation.

Draft Provisional Agenda

1. Review progress to date on CPUE analyses

Briefly summarize results of analyses conducted by the CPUE working group. A report should be prepared for documentation to be included as an annex to the OMMP12 report.

2. Reconditioning of operating model: data inputs and results

- 2.1 Gene tagging
- 2.2 Close-kin: POPs and half-sibling indices.
- 2.3 CPUE.

Based on results of item 1, CPUE (base and alternative series) will be updated using current data.

- 2.4 Reconditioning of OM.

OM will be updated from that used for the last stock assessment conducted in 2020 by adding two more years of data and by replacing the preliminary CPUE series using in 2020 by a new series recommended in 2022 by the CPUE working group. A full stock assessment will be conducted in 2023, so the review will only check that no major issues appear in model fits.

3. Projection results using the Cape Town Procedure (CTP)

- 3.1 Minimum updates required to run CTP using updated data series.
- 3.2 Evaluate performance of CTP in projections using new CPUE series and updated data inputs (catches, Gene tagging and CK data).

The shiny app will be used to document projection results using the reference set of OMs.

4. Discuss advice to ESC based on metarule process

- 4.1 Apply metarule process.

The outcome of the metarule process will determine if the TAC calculation for 2024-2026 can proceed using the adopted CTP or some additional consideration is needed. Specifically, the pros and cons of retuning the CTP will be discussed in this item.

- 4.2 Discuss advice to ESC.

5. Discussion of OM code re-writing/reformulation

The ESC26 noted the need to review, modernise, and rewrite some of the OM code to facilitate incorporation of within-cell uncertainty, among other things.

The plan was to initiate discussion intersessionally and during OMMP12 with a plan presented to the 2022 ESC. Progress on this item will depend on availability of time after completing previous agenda items.